

29 AUG 1974

MEMORANDUM FOR: Director of Logistics

THROUGH : Chief, Real Estate and Construction Division, OL

SUBJECT : Funds for New Air Handlers

REFERENCE : Computer Systems Planning Report dtd 6 Jun 74
by OJCS

1. A request for guidance in the funding of \$14,000 for the procurement and installation of new air handlers in room GC03, Office of Joint Computer Support (OJCS), is requested in paragraph 6.

2. The referent report identified a matrix of generalized space and utility requirements against various computer configuration assumptions through FY 1978. Specific equipment locations were not included in the report.

3. The specific equipment location for Milestone No. 1 of the report, the installation of the IBM 370/158-2, has now been identified. The unit is scheduled to be located in the southwest quadrant of GC03 served by perimeter air handler Nos. 6 and 7.

4. As previously identified, the underfloor congestion and multiple heating, ventilating, and air conditioning (HVAC) systems serving the GC03 area present indeterminacy in HVAC designs. Within the constraints of this indeterminacy, analysis indicates that the existing air handlers may not have the capacity to meet the increased requirements of the 370/158-2 installation. In lieu of an indepth engineering study and relatively extensive modifications in the instrumentations and control of the HVAC systems, the only sure alternative to insure an acceptable environment will exist to support the installation in the area is to uprate air handler Nos. 6 and 7 from a 10-ton rating to a 20-ton rating. This will be an ad hoc action to insure adequate results for a specific installation in a specific area. This action will not contribute to the resolution of the overall HVAC problems in the OJCS Computer Center, nor will it necessarily be effective if the location of the 370/158-2 is altered to a new location in a different quadrant of the Center.

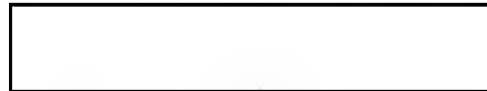
5. OJCS representatives are in agreement that uprated air handlers are necessary, but [] advises that OJCS STAT

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FY 1975 funds are not available for this unanticipated requirement. The budgetary cost estimate for procurement and installation of the uprated units is \$14,000.

6. There is mutual agreement between Real Estate and Construction Division and OJCS that air handler Nos. 6 and 7 must be uprated to insure that an adequate environment will exist to support the new 370/158-2 computer. Neither OJCS nor OL has programmed funds in FY 1975 for this unanticipated requirement. OJCS has advised that funds are not available, and has requested OL to identify funds. Guidance is requested in the identification of approximately \$14,000 for the uprating of air handler Nos. 6 and 7.



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Chief
Headquarters Engineering Branch, RECD/OL

ROUTING AND RECORD SHEET

SUBJECT: (Optional)

Funds for New Air Handlers

FROM:

C/HEB/RECD/OL
2F42 Hqs.

EXTENSION

NO.

DATE

STAT

TO: (Officer designation, room number, and building)

DATE

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1.

C/RECD/OL
906 Ames

29 AUG 1974

RE: Paragraph 6

2.

Glenn:

3.

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15.

Assume RECD would recommend OL funds under policy that planning and control of utility systems may be achieved only if RECD is the sole source of funding utility-related projects. Possible we should include a relatively large but undefined line item in FY 76 for unanticipated projects like this and the GJ56 9K expenditure. As I see it, there are four alternatives as follows listed in order of my perception of desirability:

- OL fund out of 1121 funds
- OL reprogram and fund
- OL advise OJCS to reprogram through DDA
- Chance it and try to get adequate air into the location from spare capacity in other air handlers.

To meet the Oct. installation date, procurement must be initiated in the immediate future. This memo has been coordinated with [redacted] of OJCS.

Dave

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